

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/000640

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G03F 7/038

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G03F 7/038, G03F 7/027, C07C 229/60, C07F 7/02,

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR, JP: classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

NPS, PAJ, DELPHION, ESPACENET

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2002/51909 A1 (04. JUL. 2002) (NISSAN CO., LTD) see the whole document	1
Y		2 - 5, 9 - 12, 15 - 16
X	KR 2001-27145 A1 (06.Apri.2001) (LG CHEM. CO., LTD) see the whole document	1
Y		2 - 5, 9 - 12, 15 - 16
X	JP 1999-227099 A (24. Aug. 1999) (MITSUBISHI CHEM. CO., LTD) see the whole document	1
Y		2 - 5, 9 - 12, 15 - 16
Y	EP 679 633 A1 (02. Nov.1995) (MITSUBISHI CHEM. CO., LTD) see the whole document	1
Y	WO 2000/6543 A1 (10. Feb. 2000) (CHISHO CO., LTD) see the whole document	1
Y	KR 2001-111272 A1 (12. Dec. 2001) (BP Corp.) see the whole document	2

 Further documents are listed in the continuation of Box C. See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

16 JULY 2004 (16.07.2004)

Date of mailing of the international search report

23 JULY 2004 (23.07.2004)

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/000640

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2002/51909 A1	04. JUL. 2002	KR 2003-77560 A1	10. Oct. 2003
KR 2001-27145 A1	06. April 2001	NONE	
JP 1999-227099 A	24. Aug. 1999	NONE	
EP 679 633 A1	02. Nov. 1995	US 5861534 A DE 69513076 T2 JP 08012759 A2	19. Jan. 1999 02. Mar. 2000 16. Jan. 1996
WO 2000/6543 A1	10. Feb. 2000	EP 1020442 A1 CN 1274345 T1 US 6238752 BA	19. Jul. 2000 22. Nov. 1999 29. May. 2001
KR 2001-111272 A1	12. Dec. 2001	US 6479581 BA CA 2365584 AA WO 0053677 A1 JP 14538278 A2	12. Nov. 2002 14. Sep. 2000 14. Sep. 2000 12. Nov. 2002